

Project #589-CA3-472

CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION

Kansas City VA Medical Center

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Greg Massey, Chief of Projects	Date
William R. Mehner, Chief Engineer	Date
George H. Hazel, Chief Facilities Management	Date
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Kevin Inkley, Associate Director	Date

No.	Description	Date

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COMMISSIONING
pb pro balance



Drawing Title
COVER AND INDEX OF DRAWINGS
Approved: Kathleen R. Fogarty, Medical Center Director

Project Title		
CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION		
Location		
4801 LINWOOD BLVD, KANSAS CITY, MO 64128		
Date	Checked	Drawn
15 April 2016	MJS	LMD/AMM

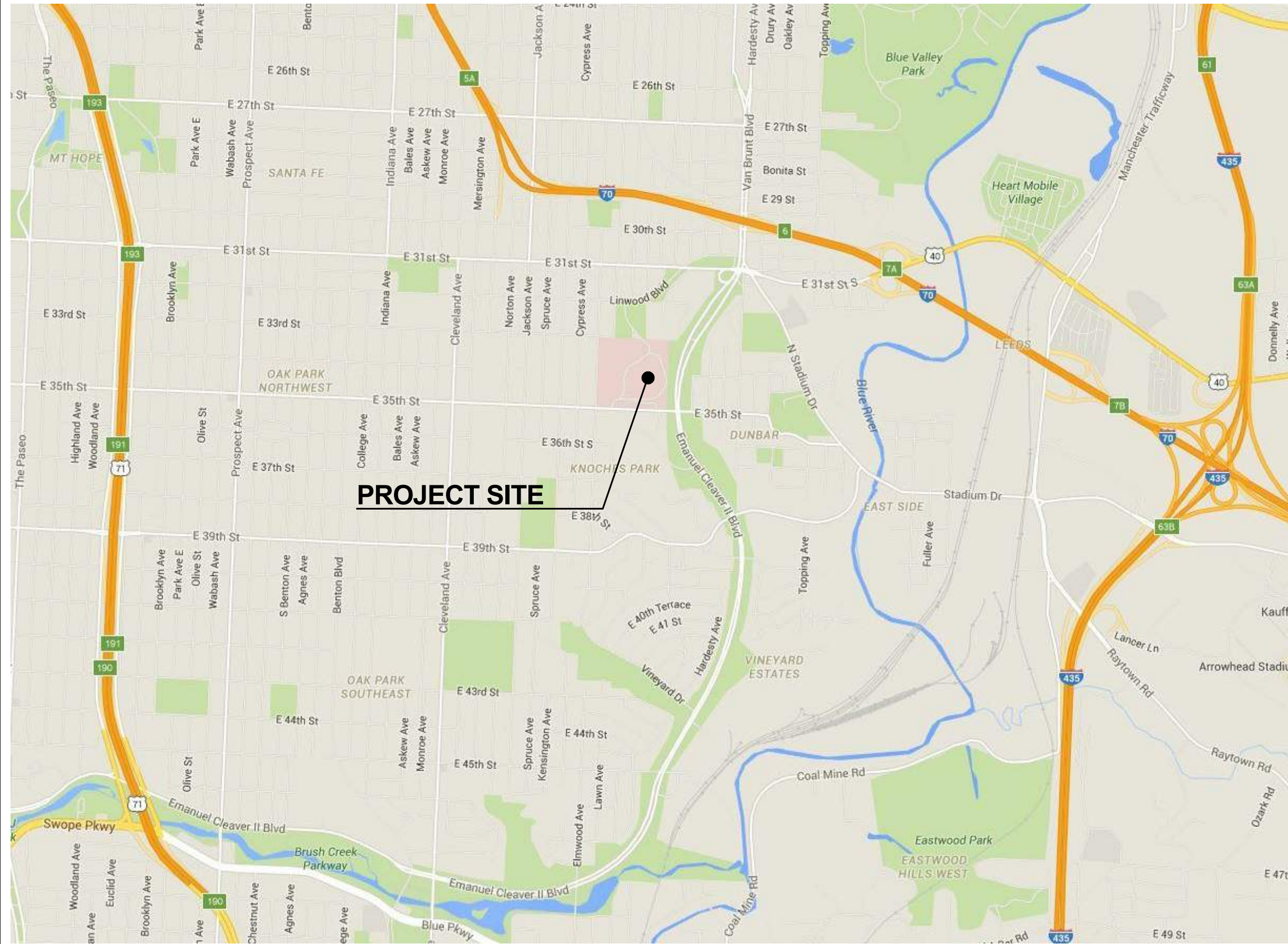
Project Number	589-CA3-472
Building Number	1
Drawing Number	G-001
Dwg. 1 of 188	

Office of Construction
and Facilities
Management



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one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



VICINITY MAP
NO SCALE 2

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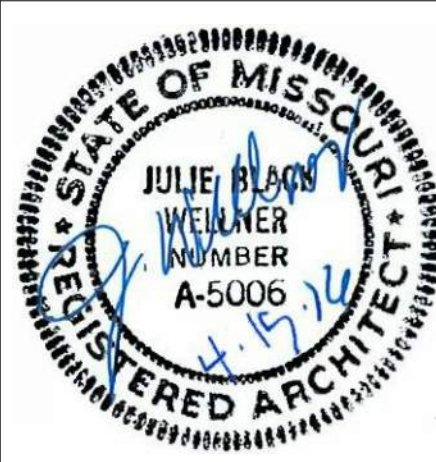
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Drawing Title
AERIAL SITE PLAN, VICINITY MAP

Approved: Kathleen R. Fogarty, Medical Center Director

Project Title
CONSTRUCT OEF/OIF AND
SPECIALTY CARE ADDITION

Location
4801 LINWOOD BLVD, KANSAS CITY, MO 64128
Date
15 April 2016
Checked
MJS
Drawn
LMD

Project Number
589-CA3-472
Building Number
1
Drawing Number
G-002
Dwg. 2 of 188

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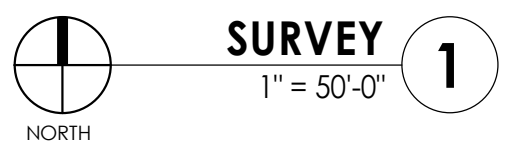


AERIAL SITE PLAN
NO SCALE 1



AERIAL PLAN ORIENTED WITH NORTH UP. CONSTRUCTION DRAWINGS
ORIENTED WITH NORTH DOWN TO AGREE WITH VA RECORD DRAWINGS.

NOTE:
THERE IS NO ON-SITE CONTRACTOR PARKING



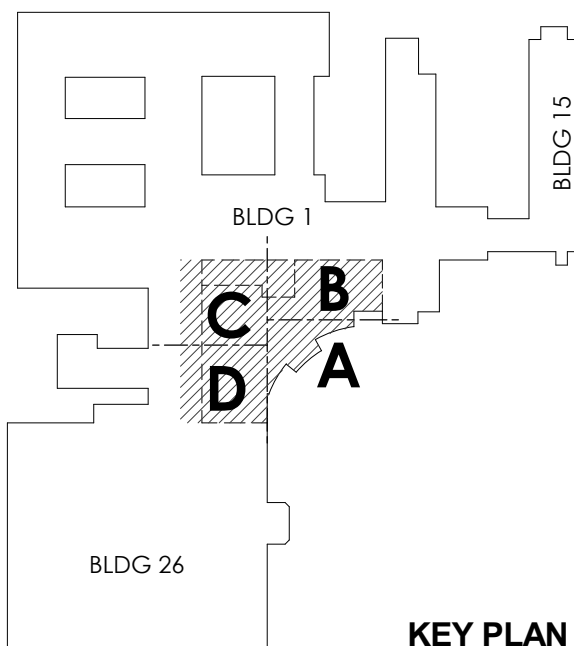
**SURVEY ORIENTED WITH NORTH UP. CONSTRUCTION DRAWINGS
ORIENTED WITH NORTH DOWN TO AGREE WITH VA RECORD DRAWINGS.**

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Management

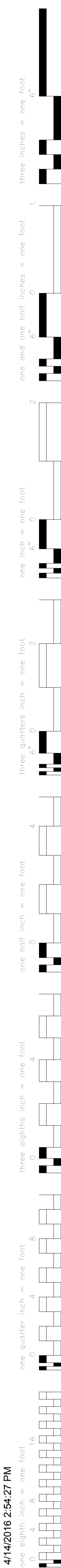
 Department of
Veterans Affairs

1. REVIEW DEDUCT DESCRIPTIONS ON G-004 IN CONJUNCTION WITH PLANS, ELEVATIONS, SECTIONS, DETAILS & SCHEDULES. DEDUCTS AS DESCRIBED ON THIS SHEET AND REFERENCED THROUGHOUT THE DRAWING SET ARE DESCRIBED IN WORDS, VIGNETTE SKETCHES, NOTES AND DRAWINGS, HOWEVER, DETAILS FOR EACH DEDUCT ARE NOT INCLUDED. IT IS THE BIDDER'S RESPONSIBILITY TO UNDERSTAND THE SCOPE OF EACH DEDUCT AND TO ALLOW FOR ALL COMPONENTS AFTER THE ORDER TO PROVIDE A COMPLETE ASSEMBLY OR OPERATING SYSTEM. QUESTIONS ON ALTERNATES ARE TO BE RAISED DURING BIDDING.
2. DEDUCT ALTERNATES THAT INCLUDE SUB-LETTERED ITEMS ARE TO BE BID AS ONE DEDUCT ALTERNATE.
3. DEDUCTS WILL BE TAKEN IN SEQUENTIAL ORDER.



1

 Department of
Veterans Affairs



NOT FOR CONSTRUCTION

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one eighth inch = one foot

one quarter inch = one foot

three eighths inch = one foot

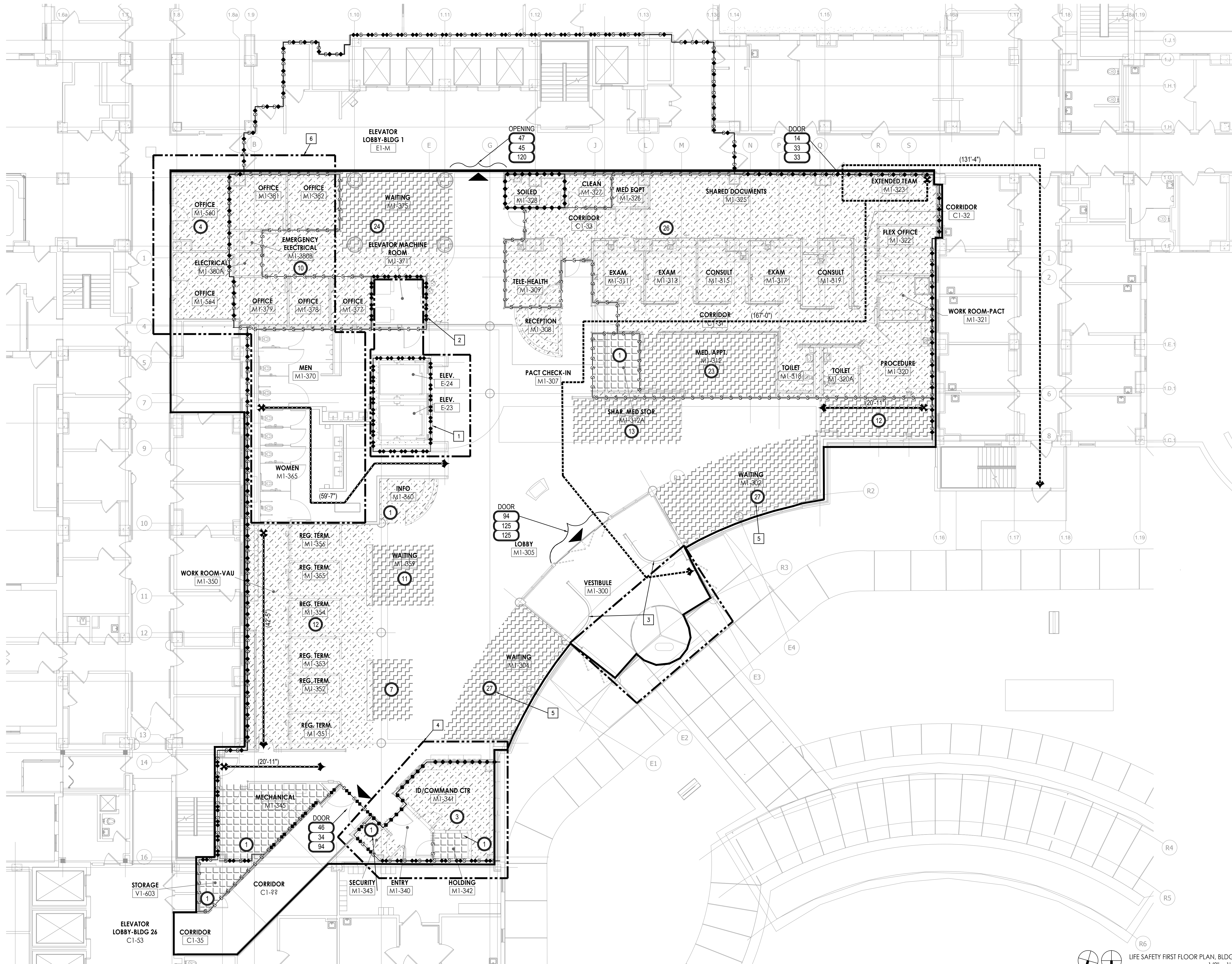
one half inch = one foot

three quarters inch = one foot

one inch = one foot

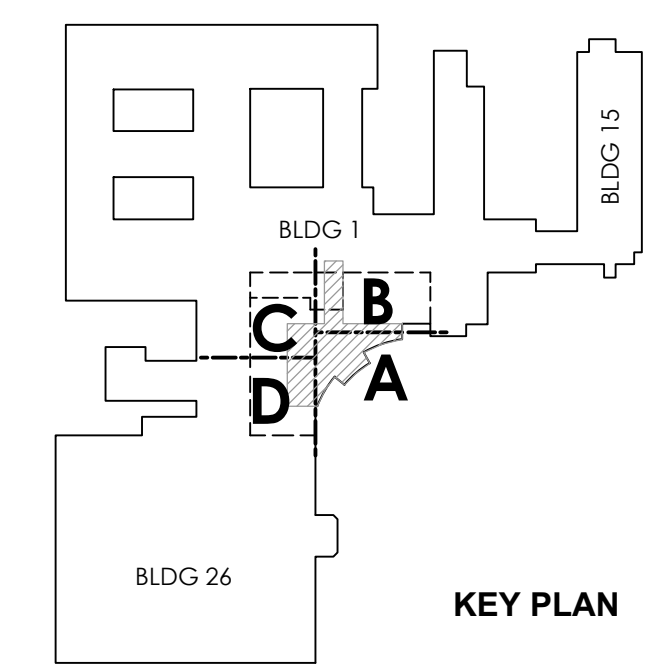
one and one half inches = one foot

three inches = one foot



- GENERAL NOTES**
1. REFER TO G104 FOR SYMBOL LEGEND.
 2. AREAS IDENTIFIED FOR DEDUCTS ARE APPROXIMATE AND GENERAL IN NATURE. REFER TO A-103.A, A-103.B, A-103.C AS WELL AS OTHER SHEETS THROUGHOUT SET FOR SPECIFICS RELATED TO DEDUCTS.
- DEDUCT LIST**
- 1 DEDUCT 3. OMIT ELEVATORS: PROVIDE 2HR RATED WALL TO SEAL ELEVATOR SHAFT.
 - 2 DEDUCT 4. OMIT ELEVATOR CORE: 2ND AND 3RD FLOORS: SEE 2/A-103.A FOR REVISED PLAN. WALLS AROUND EMS ARE TO BE SMOKE RESISTANT, NON-RATED.
 - 3 DEDUCT 5. OMIT VESTIBULE: RE: 1/A-103.A FOR REVISED EXIT DOOR LOCATIONS.
 - 4 DEDUCT 6. DO NOT RELOCATE POLICE: 2-HR RATED FIRE/SMOKE BARRIER WALL REMAINS BETWEEN BUILDING 1 AND 28. OMIT 1-HR RATED FIRE BARRIER WALL BETWEEN POLICE AND WAITING, EXTEND WAITING INTO THIS AREA. RE: 1/A-103.A FOR REVISED PLAN.
 - 5 DEDUCT 7. REDUCE LOBBY AREA AND VOLUME: OCCUPANT LOADS FOR WAITING AREAS ARE REDUCED. RE: 1/A-103.B FOR REVISED PLAN.
 - 6 DEDUCT 8. LEAVE EXISTING RESTROOMS AND 2 OFFICES IN PLACE: EXISTING WALLS REMAIN IN EXISTING CONDITION. PROVIDE SMOKE-RESISTANT, NON-RATED WALLS AROUND PERIMETER OF NEW OFFICE GROUP ALONG GRID LINES D AND 10.

TRUE NORTH PROJECT NORTH
LIFE SAFETY FIRST FLOOR PLAN, BLDG 1
1/8" = 1'-0"



			ENGINEERS & CONSULTANTS:							ARCHITECT:		Drawing Title LIFE SAFETY 1ST FLOOR PLAN, BLDG 1		Project Title CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION		Project Number 589-CA3-472		Office of Construction and Facilities Management	
			CIVIL SK Design Group, Inc. 4600 College Blvd, Suite 100 Overland Park, KS 66211 913.451.1818	STRUCTURAL Leigh & O'Kane 9201 Ward Parkway, Suite 301 Kansas City, MO 64114 816.444.3144	MECHANICAL, ELECTRICAL, PLUMBING, TELECOM, SECURITY InSite Group, Inc. 1950 NW Copper Oaks Cr Blue Springs, MO 64015 816.228.3377	FIRE PROTECTION & LIFE SAFETY FSC, Inc. 9225 Indian Creek Pkwy, Ste 300 Overland Park, KS 66210 913.722.3473	ASBESTOS ABATEMENT Terracon 13910 W 96th Terrace Lenexa, KS 66215 913.492.7777	COMMISSIONING Pro Balance, Inc. 5411 West 40 Highway Blue Springs, MO 64015 816.228.7800		A WELLNERarchitects inc. Wellner Architects, Inc. 802 Broadway Blvd, 4th Floor Kansas City, MO 64105 816.221.0017		Approved: Kathleen R. Fogarty, Medical Center Director		Location 4801 LINWOOD BLVD, KANSAS CITY, MO 64128		Drawing Number G-103			
												Date 15 April 2016		Checked HDD	Drawn JKK	Dwg. 006 of 188			
No.	Description	Date																	

The new VA OIF/OEF Addition will be a 10,000 square foot addition to the existing KC VA hospital. The existing hospital is a high-rise healthcare facility. It is located on federal property governed by Veterans Administration codes and the Authority Having Jurisdiction for VA. Local authorities should be notified about planned projects and given opportunity to review drawings.

VA Applicable Codes:

- 2011 DVA Fire Protection Design Manual
- 2015 International Building Code (IBC) except for Chap. 10
- 2015 NFPA 101 Life Safety Code (LSC)
- VA Sustainable Design & Energy Reduction Manual
- 2014 National Electric Code (NEC)
- 2012 National Standard Plumbing Code (NSPC)
- 2012 NFPA99 Healthcare Facilities Code
- Other NFPA Codes except NFPA 5000 and NFPA 900.
- Architectural Barriers Act Accessibility Standard (ABAAS)
- PS-15-13 VA Barrier Free Design Guide
- 2015 VA Physical Security Design Manual (PSDM)
- 2013 Safety Code for Elevators and Escalators (ASME A17.1)
- 2004 Ventilation for Acceptable Indoor Air Quality (ASHRAE 62.1-2004)

Code Approach:

- Occupancy and Use**
IBC: Per IBC this building is a three story B occupancy addition to high-rise building of I-2 occupancy with assembly and storage uses.
LSC: Per the Life Safety Code this building is to be considered a Health-Care Occupancy with Business Area and regulated as such by NFPA 101.
- Nonseparated Mixed Occupancies**
IBC: Occupancies shall be individually classified but not separated by rated construction.
LSC: Life Safety Code requirements are applied to their respective spaces.
- Smoke Compartments**
IBCLSC: Smoke Compartments with a maximum area of 22,500 sq. ft. are required on patient floor or floors with over 50 occupants to be separated by 1-hr rated Smoke Barriers.
- High Ceiling in Lobby**
IBC: 2-story floor opening separated from the I-2 occupancy corridors by smoke partition construction and other floor openings by shaft wall construction.
LSC: Convenience Opening is separated by smoke partition from corridors in other areas.

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Code Summary

Occupancy Classification: Mixed Occupancy with existing Healthcare – I-2, Business – B, Assembly – A-3, Storage – S.

Mixed Use Approach: Nonseparated Mixed Use and Incidental Uses (Section 508.3)

Type of Construction: LSC: Type II (222) IBC: Type IA reduced Construction (3 hr-rated, non-combustible) – IBC most restrictive

Height Limitations and Allowable Floor Area (LSC Table 19.1.6.1, IBC Table 603):
The allowable height, number of stories and floor area is based on a I-2 Occupancy in a sprinklered building of Type IA construction.

Basic Allowable Building Area Unlimited ft²

Building Element	VA Addition	Allowed by IBC, Business Occupancy Fully Sprinklered Building Type I A Construction
Max Building Area - ft ²	<10,000 ft ²	Unlimited
Number of Stories	3	Unlimited

Passive Fire Resistive Requirements:

Construction Materials Noncombustible (IBC Section 602.2)

Fire Retardant treated wood is allowed in nonbearing partitions of a fire resistance rating of 2hr or less (IBC Section 603.1 – Exception 1.1)

Fire Retardant treated wood is allowed in nonbearing exterior walls where no fire rating is required (IBC Section 603.1 – Exception 1.2)

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Rigid insulation Required to be separated from the interior space by ½ inch regular gypsum board (IBC Section 2603.4)

Other wood in walls Fire retardant treated (IBC Section 603.1)

Structural frame 3-hour columns where supporting floor, 2-hour where supporting roof only (IBC Table 601) 2-hour beams reduced from 3-hrs (IBC Section 403.2.1.1(1))

Interior and exterior bearing walls 2 hour construction (IBC Table 601), Reduced from 3-hrs by (IBC Section 403.2.1.1(1))

Roof construction 1 hour construction (IBC Table 601), Reduced from 1 ½-hr (IBC Section 403.2.1.1(1))

Floor construction 2 hour construction (IBC Table 601)

Occupancy separations Non-rated smoke partition separation from hospital corridors required. (NFPA101 18.3.6.1, IBC Section 407.2.1)

Smoke Compartmentation 1 hour Smoke Barriers creating smoke compartments subdividing every floor with patient sleeping (50 or more) with a maximum area of 22,500 sq. ft. each. (NFPA 101 Sections 18.3.7.1, 18.3.7.3, IBC Section 407.5) Cross Corridor Doors in Smoke Barriers or Horizontal Exits required to be provided with vision panels. (NFPA 101 Section 20.3.7.1)

Convenience Opening Convenience opening to be separated from corridors by a smoke partition. (NFPA 101 Section 6.8.1(5)). (IBC Section 712.1.9) Smoke dampers not required. (NFPA 101 Section 407.2.1)

Shaft enclosures 2 hour fire barrier shaft. (IBC Section 713.4)

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Elevator hoist ways 2-hour rated fire barrier shaft enclosure with 90-minute doors. (IBC Section 3002.1)

Elevator lobbies Not required as does not connect more than 3 stories. (IBC Section 3006.2)

Elevator machine rooms 2-hr (IBC Section 3006.4)

Exterior nonbearing walls 0 hour construction (IBC Table 602)

Interior permanent partitions 0 hour (IBC Table 601)

Corridors 0 hour construction (NFPA101 Section 18.3.6.2.2) but designed to limit the transfer of smoke (NFPA101 Section 18.3.6.2.3)

Electrical room 1 hour walls and ceiling (45 minute doors provided with panic hardware and swinging in direction of egress when equipment is rated at 800 amperes or more and over 6 ft wide) with fire dampers (NEC 110.26(C)(3), 450.42 Exc.1)

Incidental Storage rooms>50 sq ft Construction to resist the passage of smoke (IBC Section 509.4.2) 0 hour (NFPA101 Section 18.3.2.1.2)

Incidental Storage rooms>100 sq ft 1-hr (NFPA101 Section 18.3.2.1.2)

Soiled linen & trash rooms 1 hour where 64 gallons is exceeded (LSC Section 18.3.2.1.2)

Police Operations Room Fire resistive, UL 752 Level 3 ballistic-resistant (PSDM 5.13.3.1)

Police Holding Room Masonry construction UL 752 Level 3 forced entry resistant (PSDM 5.13.3.2)

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Wall penetrations F rating in rating of the wall penetrated (IBC Section 714.3.2), Fire dampers not required in 1-hr rated fire barrier. (IBC 717.5.2 Exc. 3, NFPA99)

Floor penetrations Annular space to resist the free passage of flame and smoke (IBC Section 714.4.1.2)

Active Fire Protection:

Automatic Sprinklers NFPA 13 automatic sprinkler system required. (IBC Section 903.2.6)

Fire alarm system Manual pull stations Required (IBC Section 907.2.2(3)) (NFPA101 Section 18.3.4.2.1) Voice Alarm (DVA Fire Protection Design Manual Section 7.3(B))

Smoke Detectors Required in waiting rooms open to corridors (IBC Sections 407.2.1(3), 907.2.8.2, NFPA 101 Section 18.3.6.1(1)(ii)) Not required in areas separated from corridors by smoke partition construction.

Fire extinguishers Required (IBC Section 906) Fire Extinguisher Cabinets sized for 2 ½ gallon pressurized water extinguisher are required. DVA Fire Protection Design Manual Section 6.4(B)

Emergency and Standby Power:

Exit signs Required (NFPA 101 Section 7.10.4)

Fire Alarm System Required (NFPA 72)

Egress illumination Required (NFPA 101 Section 18.2.9, 7.9.2.1)

Essential Electrical System Secondary Power is required for Emergency Systems and additionally Hospital Critical Systems which include illumination and selected

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receptacles in patient care areas and nurses' stations and possibly heating for patient rooms in event of a power loss. NFPA99 Sections 4.5.2.2.3.3, 4.5.2.2.3.4

Accessible Means of Egress Elevators Required to be supplied with standby power (IBC Section 2702.2.2)

Exit:

Number of Exits Required At least 3 exits per floor from the building are required (NFPA101 Section 7.4.1.2) as the combined occupant load is more than 500.

Spaces with one means of Egress Non-sleeping rooms of less than 2500 sq. ft. (NFPA101 Section 18.2.5.5) Assembly rooms require two exits (NFPA101 Section 7.4.1.1)

Exit Width Factors

Doors 0.2 inch per person (NFPA101 Section 7.3.3.1)

Stairs 0.3 inch per person (NFPA101 Section 7.3.3.1)

Minimum Width

Major Corridor: 8 feet (NFPA Section 18.2.3.4)

Corridor: 4 feet, 6 feet with projections allowed (NFPA 19.2.3.4)

Stair: 44 in (NFPA101 Table 7.2.2.2.1.2(B))

Door: 34 in clear (PG-18-13 Section 4.13)

Sliding Doors In the event of power failure, the leafs are able to be opened manually. (NFPA101 Section 7.2.1.1(4))

Minimum Height

Corridors and rooms: 90 in (NFPA101 Section 7.1.5.1)

Stair: 80 in (NFPA101 Table 7.2.2.2.1.1(a))

Door: 80 in (NFPA101 Section 7.1.5.1)

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Panic hardware Required (NFPA101 Section 12.2.2.2.3) on room exit doors in Assembly occupancies with over 100 occupants.
Required (NEC 110.26(C)(3)) in electrical rooms with equipment rated 800 amperes or more and over 6 ft wide that contain over current devices, switching devices, or control devices.

Travel Distance to an Exit From any point in a Healthcare Occupancy to an exit not greater than 200 ft. (NFPA101 Section 19.2.6.2.1)

Common path of travel 100 ft. - Healthcare (NFPA101 Section 19.2.5.3)

Dead End Corridors 30 ft. - Healthcare (NFPA101 Section 19.2.5.2)

Exit Separation Separated by one-third the diagonal of the area served (NFPA101 Section 7.5.1.3.3)

Exit Signs Required (NFPA101 Section 7.10.1.2.1, Section 18.2.10)

Egress illumination Required - 1 ft-candle on walking surfaces, 10 ft-candle in stairs (NFPA101 Section 19.2.8)

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EXIT AND EGRESS LEGEND	
	EGRESS DOOR WITH EXIT SIGN
	WHERE EXIT DOORS INSTALLED SWING IN THE DIRECTION OF EGRESS AND HAVE EXIT SIGN WITH PANIC HARDWARE
	DIRECTION OF EGRESS WITH POPULATION
	TRAVEL DISTANCE
	COMMON PATH OF TRAVEL
	INDICATES NUMBER OF OCCUPANTS
	DOORS OR STAIRS OR OPENINGS
	NUMBER OF OCCUPANTS
	REQUIRED WIDTH (INCHES)
	AVAILABLE WIDTH (INCHES)

EXIT AND EGRESS REQUIREMENTS	
EGRESS WIDTH FACTORS	
SP = SMOKE PROTECTED NSP = NON SMOKE PROTECTED	
STAIRS	0.3 INCHES PER PERSON (NFPA 101 SECTION 7.3.3.1)
DOORS AND RAMPS <1:12	0.2 INCHES PER PERSON (NFPA 101 SECTION 7.3.3.1)
ALLOWABLE TRAVEL DISTANCE	
HEALTH CARE	300 FEET (NFPA 101 SECTION 18.2.6.2.1)
COMMON PATH OF TRAVEL	
HEALTH CARE	100 FEET (NFPA 101 SECTION 18.2.5.3)

WALL TYPE	FIRE RATING (HOUR)	OPENING FIRE RATING (HOUR)	DAMPERS F: FIRE S: SMOKE	WALL PENETRATION RATING (HOUR)
SMOKE RESISTANT NON-RATED PARTITION	0	SELF-CLOSING TIGHT FITTING	S IN AIR TRANSFER WALL OPENING	0 WITH TIGHT INSTALLATION
1-HOUR FIRE BARRIER WALL	1	3/4	WALLS: F IN UNDUCTED OPENINGS.	1
2-HOUR FIRE BARRIER WALL	2	1.5	SHAFT: F & S IN DUCTED AND UNDUCTED OPENINGS. (SECTION 717.5.3)	2
1-HOUR FIRE / SMOKE BARRIER WALL	1	1/3	S IN DUCTED OPENINGS	1
2-HOUR FIRE / SMOKE BARRIER WALL	2	1.5	F & S IN DUCTED OPENINGS	2

USE	SYMBOL	OCCUPANT LOAD FACTOR (FT ² /PERSON)
ASSEMBLY TABLES & CHAIRS		15
MECHANICAL ELECTRICAL STORAGE		300
OFFICE		100

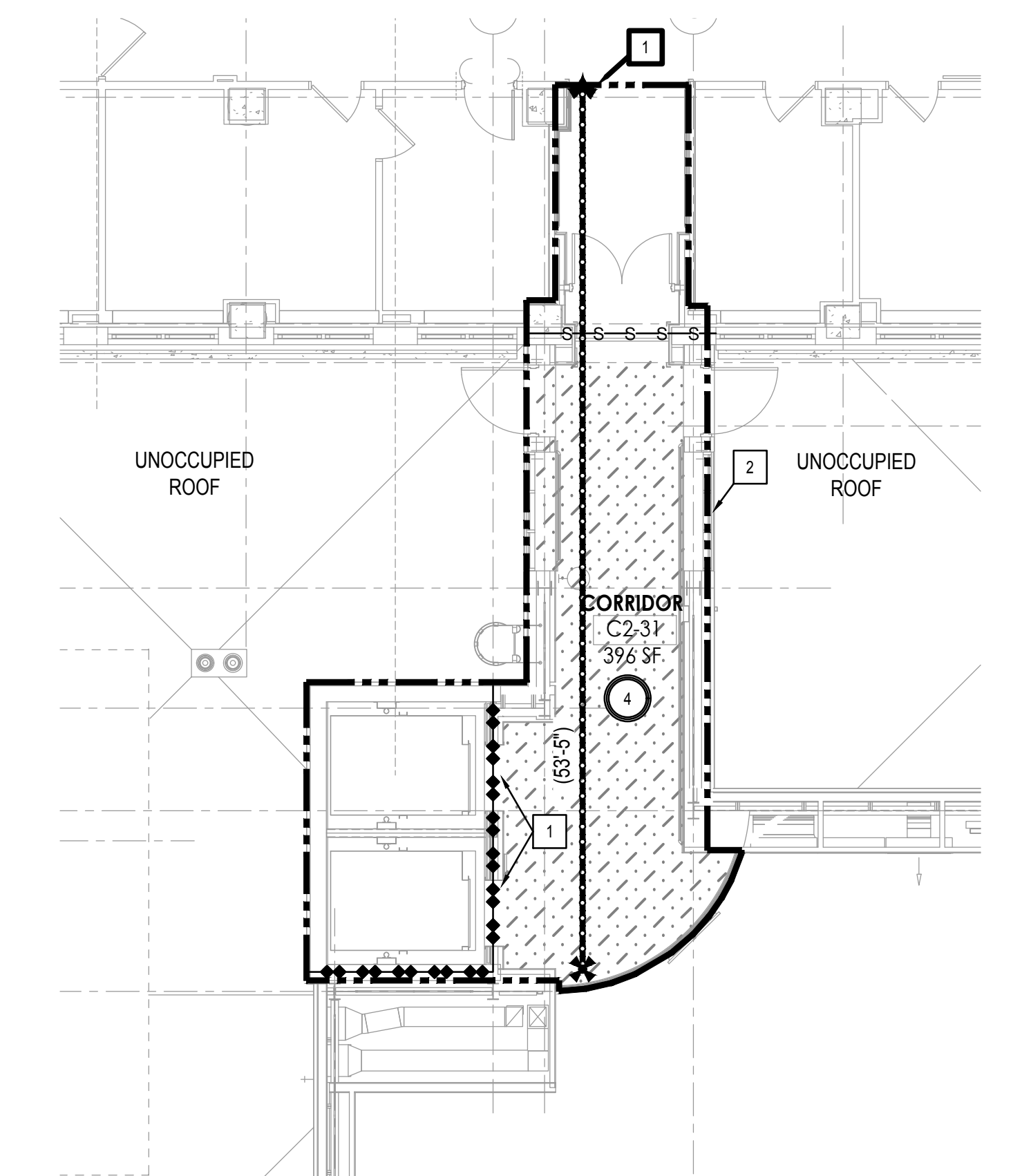
LIFE SAFETY 3RD FLOOR PLAN 1/8" = 1'-0"

TRUE NORTH PROJECT NORTH

DEDUCT LIST

1 DEDUCT 3: PROVIDE 2-HR RATED ASSEMBLY TO SEAL THE ELEVATOR SHAFT.

2 DEDUCT 4: OMIT WORK ON THIS FLOOR.



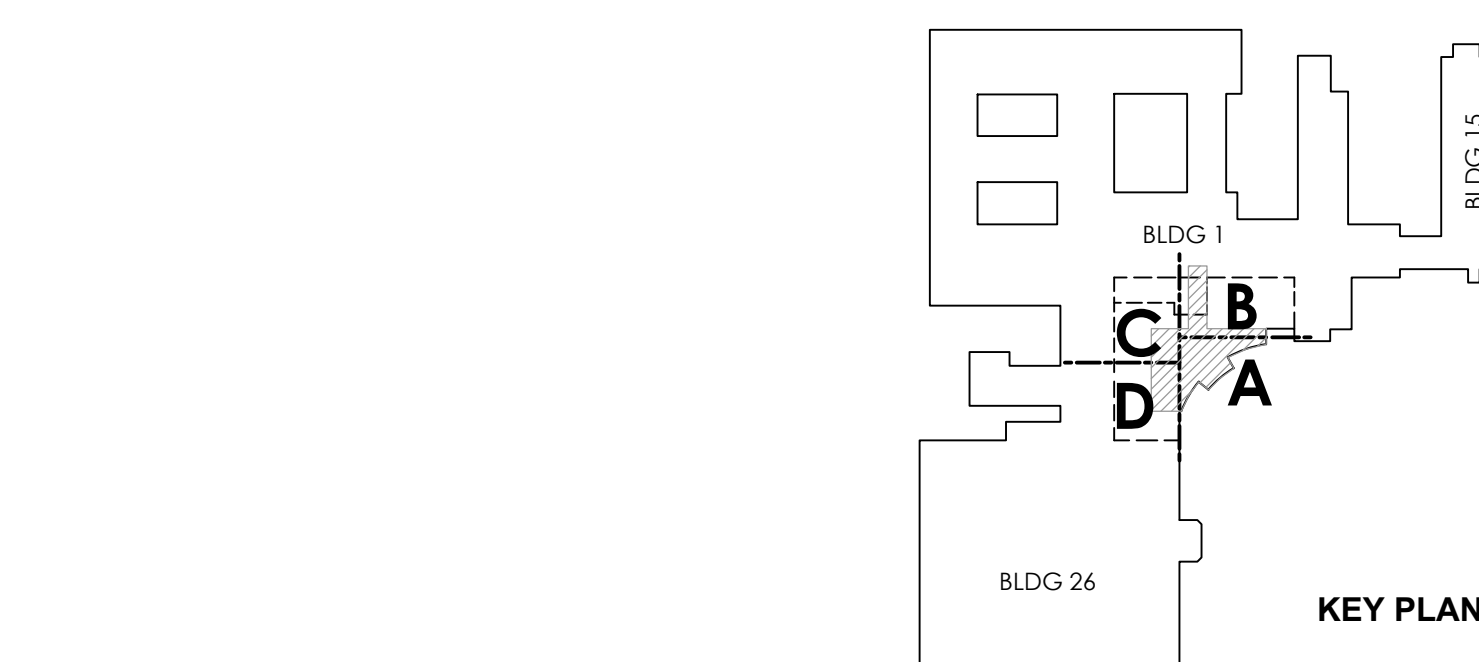
LIFE SAFETY 2ND FLOOR PLAN 1/8" = 1'-0"

TRUE NORTH PROJECT NORTH

DEDUCT LIST

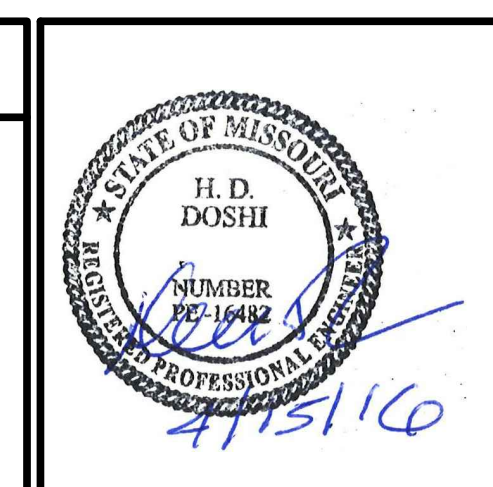
1 DEDUCT 3: PROVIDE 2-HR RATED ASSEMBLY TO SEAL THE ELEVATOR SHAFT.

2 DEDUCT 4: OMIT WORK ON THIS FLOOR.



No.	Description	Date

ENGINEERS & CONSULTANTS:					
CIVIL SK Design Group, Inc. 4600 College Blvd., Suite 100 Overland Park, KS 66211 913.451.1818	STRUCTURAL Leigh & O'Kane 9201 Ward Parkway, Suite 301 Overland Park, MO 64114 816.444.3144	MECHANICAL, ELECTRICAL, PLUMBING, TELECOM, SECURITY InSite Group, Inc. 1950 NW Copper Oaks Cr Blue Springs, MO 64015 816.228.3377	FIRE PROTECTION & LIFE SAFETY FSC, Inc. 9225 Indian Creek Pkwy, Ste 300 Overland Park, KS 66210 913.722.3473	ASBESTOS ABATEMENT Terracon 13910 W 96th Terrace Lenexa, KS 66215 913.492.7777	COMMISSIONING Pro Balance, Inc. 5411 West 40 Highway Blue Springs, MO 64015 816.228.7800



ARCHITECT:

Wellner Architects, Inc.
802 Broadway Blvd., 4th Floor
Kansas City, MO 64105
816.221.0017

Drawing Title
LIFE SAFETY 2ND & 3RD FLOOR PLANS, BLDG 1

Approved: Kathleen R. Fogarty, Medical Center Director

Project Title
CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION

Location
4801 LINWOOD BLVD, KANSAS CITY, MO 64128

Date
15 April 2016

Checked
HDD

Drawn
JKK

Project Number
589-CA3-472

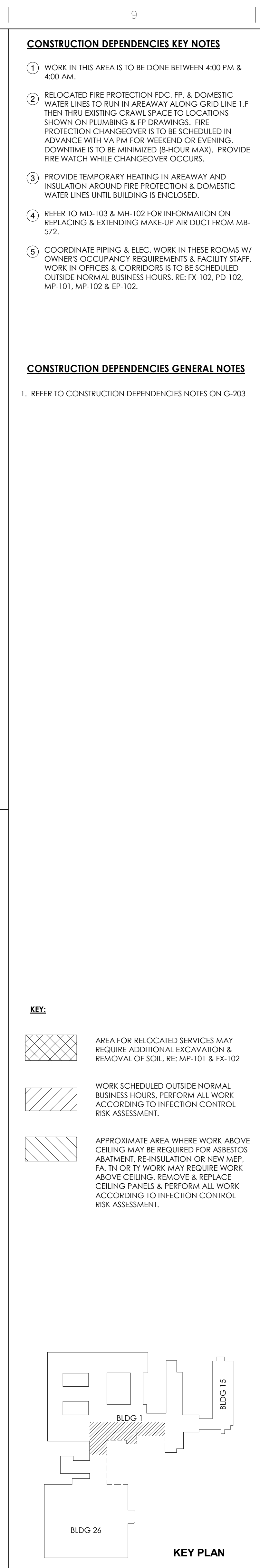
Building Number
1

Drawing Number
G-104

Dwg. 007 of 188

Office of Construction and Facilities Management

Department of Veterans Affairs



VA FORM 08-6251

SOLICITATION FOR CONSTRUCTION PROPOSAL DOCUMENTS

4/14/2016 2:55:13 PM

one eighth inch = one foot

one quarter inch = one foot

one half inch = one foot

three eighths inch = one foot

one inch = one foot

one and one half inches = one foot

two inches = one foot

three inches = one foot

four inches = one foot

five inches = one foot

six inches = one foot

seven inches = one foot

eight inches = one foot

nine inches = one foot

ten inches = one foot

eleven inches = one foot

twelve inches = one foot

thirteen inches = one foot

fourteen inches = one foot

fifteen inches = one foot

sixteen inches = one foot

seventeen inches = one foot

eighteen inches = one foot

nineteen inches = one foot

twenty inches = one foot

twenty one inches = one foot

twenty two inches = one foot

twenty three inches = one foot

twenty four inches = one foot

twenty five inches = one foot

twenty six inches = one foot

twenty seven inches = one foot

twenty eight inches = one foot

twenty nine inches = one foot

thirty inches = one foot

thirty one inches = one foot

thirty two inches = one foot

thirty three inches = one foot

thirty four inches = one foot

thirty five inches = one foot

thirty six inches = one foot

thirty seven inches = one foot

thirty eight inches = one foot

thirty nine inches = one foot

forty inches = one foot

forty one inches = one foot

forty two inches = one foot

forty three inches = one foot

forty four inches = one foot

forty five inches = one foot

forty six inches = one foot

forty seven inches = one foot

forty eight inches = one foot

forty nine inches = one foot

fifty inches = one foot

fifty one inches = one foot

fifty two inches = one foot

fifty three inches = one foot

fifty four inches = one foot

fifty five inches = one foot

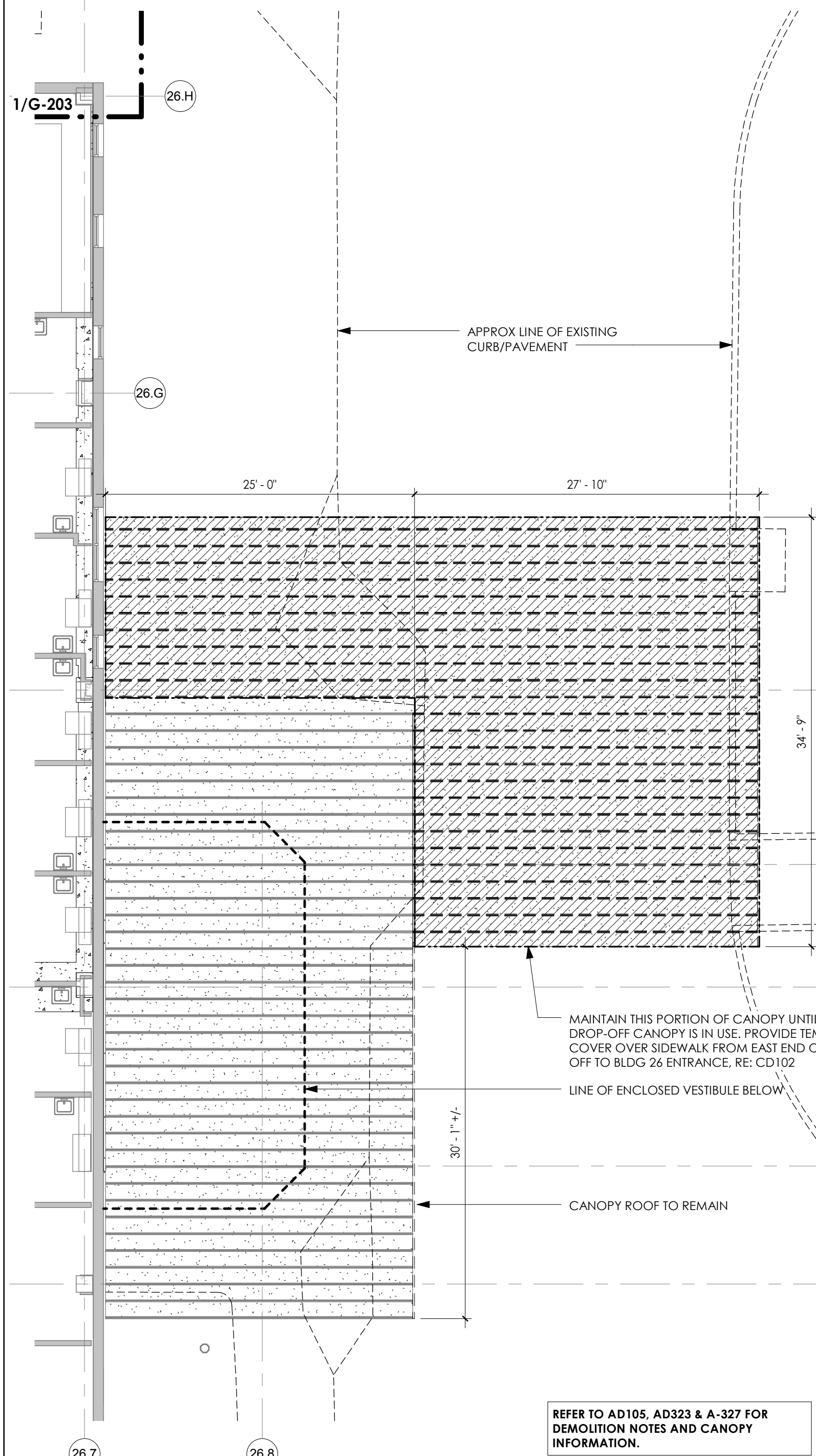
fifty six inches = one foot

fifty seven inches = one foot

fifty eight inches = one foot

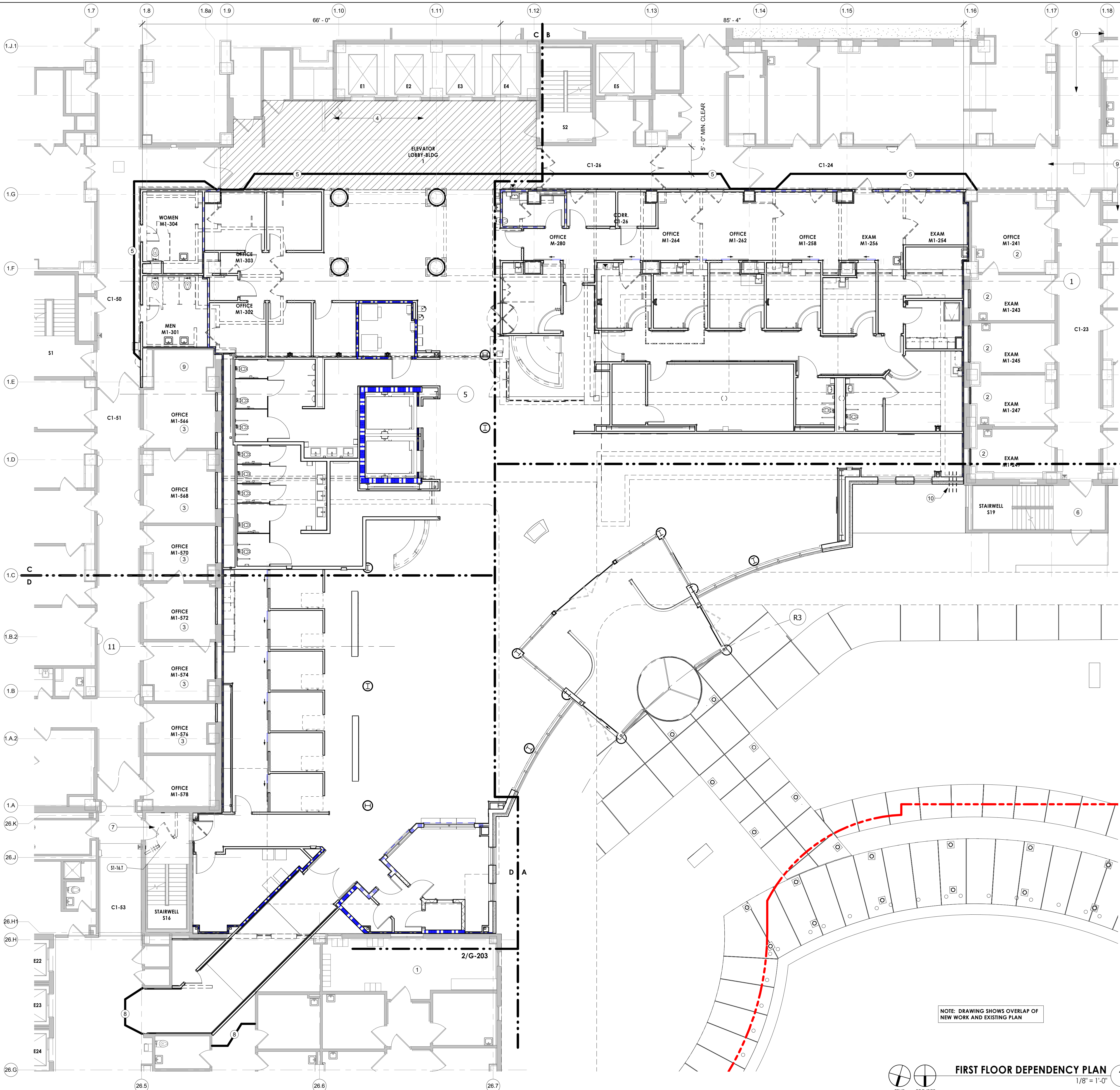
fifty nine inches = one foot

sixty inches = one foot



SECOND FLOOR DEPENDENCY PLAN - BUILDING 26 CANOPY
1/8" = 1'-0"

2



NOTE: DRAWING SHOWS OVERLAP OF
NEW WORK AND EXISTING PLAN

FIRST FLOOR DEPENDENCY PLAN
1/8" = 1'-0"

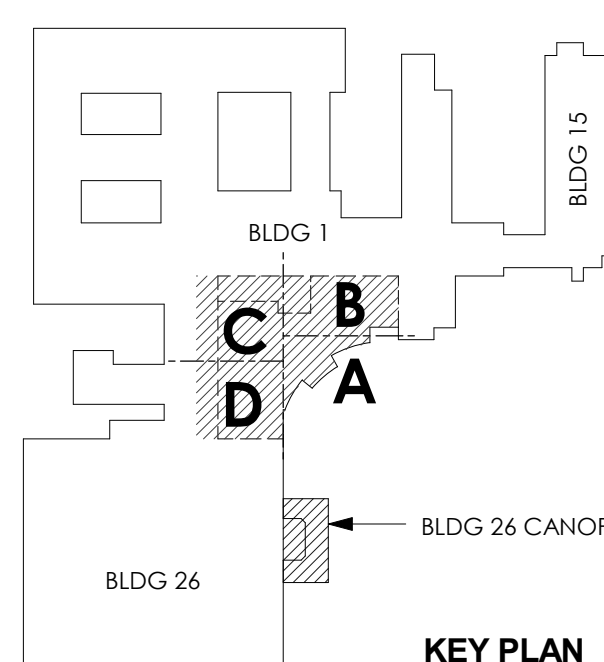
1

CONSTRUCTION DEPENDENCIES KEY NOTES

1. REMOVE WINDOWS & INFILL OPENINGS IN THIS ROOM BETWEEN 5:30 PM & 4:30 AM.
2. WORK IN THE FOLLOWING ROOMS IS TO BE DONE BETWEEN 5:30 PM AND 4:30 AM: OFFICE M1-241, EXAM M1-243, EXAM M1-245, EXAM M1-247 AND EXAM M1-249. ENCLOSE WINDOW OPENINGS PRIOR TO BEGINNING CONCRETE DEMOLITION.
3. WORK IN THE FOLLOWING OFFICES IS TO BE DONE BETWEEN 5:30 PM AND 4:30 AM: M1-566, M1-568, M1-570, M1-572, M1-574, M1-576, M1-578. ENCLOSE WINDOW OPENINGS PRIOR TO BEGINNING CONCRETE DEMOLITION.
4. SCHEDULE WORK IN THIS AREA AFTER HOSPITAL VISITING HOURS.
5. INSTALL INSULATED DUST PARTITION. MAINTAIN 5'-0" WIDE CORRIDOR. AT EGRESS DOORS, LOCATE DUST PARTITION & BUILD NEW WALL TO MINIMIZE IMPACT ON DOOR HOLD-OPEN DEVICE. ONCE DUST PARTITION IS REMOVED, WORK TO RESTORE FINISHES IN HALL THAT CANNOT BE DONE WHILE PARTITION IS IN PLACE IS TO BE DONE BETWEEN 5:30 PM & 4:30 AM.
6. AT STAIRS S19 MAINTAIN EGRESS DURING CONSTRUCTION. PROVIDE TEMPORARY SIDEWALK FROM EXIT DOOR TO PARKING LOT ON WEST. RE: CD102
7. AT STAIR S16, PROVIDE TEMPORARY EGRESS FROM STAIR THRU BUILDING 26. RE: 1/A-001. REMOVE DOOR TO C1-53. SAVE FOR REINSTALLATION. CONSTRUCT TEMPORARY 2-HOUR WALL OF SHAF WALL CONSTRUCTION. INSTALL RATED DOOR & FRAME. REMOVE ILLUMINATED "EXIT" SIGN FROM ABOVE WEST DOOR (S1-16.1) & RELOCATE TO ABOVE NEW DOOR. DISCONNECT ELECTRONIC CONTROLS & REMOVE ALL SIGNAGE INDICATING EGRESS THRU WEST DOOR. INSTALL PLYWOOD OVER DOOR S1-16.1 DURING CONSTRUCTION.
8. INSTALL INSULATED DUST PARTITION TO ISOLATE WORK RELATED TO NEW BLDG 26 CONNECTION. RELOCATE PARTITION AS WORK PROCEEDS TO MINIMIZE RESTRICTED AREA.
9. COORDINATE OVERHEAD WORK IN OCCUPIED AREAS REQUIRED TO EXTEND SERVICES TO NEW OR REMODELED AREAS W/OWNER. SERVICES INCLUDED MEDICAL VACUUM, MEDICAL AIR, OXYGEN & FIRE ALARM. WORK TO BE DONE OUTSIDE OF NORMAL BUSINESS HOURS.
10. ENTRY POINT OF RELOCATED FDC, FP, & WATER LINES. RE: NOTE 2 ON G-202.

CONSTRUCTION DEPENDENCIES GENERAL NOTES

1. DURING CONSTRUCTION OF THE OEF/OIF ADDITION, THE WEST ENTRY OF BUILDING 26 (VALOR PAVILION) & THE NORTH DOOR OF BUILDING 15 (FREEDOM TOWER) WILL PROVIDE PATIENT AND STAFF ACCESS TO THE FACILITY.
2. THE EXISTING CIRCLE DRIVE WILL BE BLOCKED SOUTH OF THE ENTRY TO PARKING LOT 1. THE NORTH HALF OF THE CIRCLE WILL BE FOR COVERED DROP-OFF OF HANDICAP PATIENTS AT BLDG 26. THE SOUTH HALF OF THE CIRCLE DRIVE WILL BE IN THE CONSTRUCTION LIMIT LINE DEFINED BY A TEMPORARY FENCE AND WILL BE USED BY CONSTRUCTION PERSONNEL.
3. BUILDING 26 ENTRY IS TO ALLOW FOR COVERED DROP-OFF OF PATIENTS IN WHEEL CHAIRS. UNTIL NEW COVERED DROP-OFF AT BLDG 1 IS USABLE AND A TEMPORARY COVERED WALK IS PROVIDED FROM THE CANOPY TO BLDG 26 ENTRY. PROVIDE TEMPORARY PROTECTION & SIGNAGE TO ALLOW FOR THIS. THE LOCATION OF THE PROJECT LIMIT LINES, CONSTRUCTION FENCING, & SIGNAGE MAY CHANGE SEVERAL TIMES TO ACCOMMODATE THIS.
4. REFER TO CD101 & CD102 FOR SITE CONSTRUCTION LIMIT LINES. LOCATION OF CONSTRUCTION FENCE, AND PROVISIONS FOR TEMPORARY ACCESS TO BUILDING 26 ENTRANCE AND TEMPORARY EGRESS FROM BLDG 1. ADJUST CONSTRUCTION LIMIT LINES AS CONSTRUCTION PROCEEDS & PATIENT USE OF THE NEW DROP-OFF CANOPY IS PROVIDED.
5. PROVIDE A TEMPORARY SIDEWALK OUTSIDE THE CONSTRUCTION LIMIT LINES FROM STAIRWELL S19 TO THE WALK LEADING TO WESTERN PARKING LOTS. REFER TO CD102.
6. FIRE PROTECTION & DOMESTIC WATER LINES ARE TO BE RELOCATED PRIOR TO BEGINNING WORK ON FOUNDATIONS. REFER TO NOTES ON G-202, PD102, PD102-P, I-101, & CIVIL DRAWINGS.
7. ALL WORK AFFECTING UTILITY CONNECTIONS TO THE BUILDING WILL BE DONE DURING EVENINGS OR WEEKENDS & WILL BE SCHEDULED WITH THE VA A MINIMUM OF 2 WEEKS IN ADVANCE. RE: D-0000 GENERAL REQUIREMENTS.
8. COORDINATE DEMOLITION & CONSTRUCTION WORK WITH THE ASBESTOS ABATEMENT CONTRACTOR. REFER TO THE ASBESTOS ABATEMENT SPECIFICATIONS (02 82 13.13) & DRAWING (HA103) & DEMOLITION DRAWINGS OF VARIOUS DISCIPLINES.
9. BEFORE STARTING INTERIOR WORK, AN INFECTION CONTROL RISK ASSESSMENT (ICRA) IS TO BE DEVELOPED BY THE VA PM AND THE OFFICE OF INFECTION CONTROL. ALL WORK DURING CONSTRUCTION & UPON COMPLETION OF CONSTRUCTION IS TO COMPLY WITH REQUIREMENTS OF THE ICRA. ICRA REQUIREMENTS ARE BASED ON THE TYPE OF CONSTRUCTION ACTIVITY & THE PATIENT RISK GROUP.
10. BEFORE CONSTRUCTION BEGINS, MEET WITH VA TO PERFORM A PRE-CONSTRUCTION RISK ASSESSMENT. THE RISK ASSESSMENT WILL IDENTIFY INTERIM LIFE-SAFETY MEASURES REQUIRED DURING CONSTRUCTION. INTERIM LIFE-SAFETY MEASURES INCLUDE DEVELOPING & INSTALLING TEMPORARY EXITING SIGNAGE & TRAINING FOR OWNER'S PERSONNEL AS EGRESS ROUTES CHANGE TO ALLOW FOR CONSTRUCTION.
11. WHERE WORK IS REQUIRED IN EXISTING ROOMS OCCUPIED DURING CONSTRUCTION, HOURS FOR CONSTRUCTION GIVEN IN CONSTRUCTION DEPENDENCIES NOTES INCLUDE TIME REQUIRED BY VA REPRESENTATIVES TO CONFIRM ACCEPTABLE CLEANLINESS STANDARDS FOR ICRA HAVE BEEN ACHIEVED.
12. TEMPORARY DUST PARTITIONS/CONSTRUCTION BARRIER TO BE 3'-5/8" HT. STUDS @ 16" O.C., WALL/OUT, INSULATION AND (1) LAYER OF 5/8" GYP. BD. EACH FACE. PLACE BOTTOM TRACK ON 6" WIDE MASONITE SHINY SIDE DOWN TO PROTECT FLOOR. TEMPORARILY ANCHOR TOP TRACK TO CLING GRID. APPLY 6 MIL FLAME-RETARDANT PLASTIC SHEETING TO OCCUPIED SIDE. TAPE BOTTOM TO MASONITE. EXTEND TOP UP OVER CLING GRID & SECURE ABOVE CLING. PROVIDE SLICKY WALK-OFF MAT & EA SIDE OF DOOR IN CONSTRUCTION BARRIER. DOORS IN CONSTRUCTION BARRIERS ARE TO BE SELF-CLOSING. LOCKS IN DOORS & GATES IN CONSTRUCTION BARRIERS ARE TO BE KEYS TO OWNER'S KEYING SYSTEM.
13. GC IS TO PROVIDE ALL TEMPORARY SIGNAGE NECESSARY TO CLEARLY INDICATE EXIT ROUTING AND IDENTIFY EXITS DURING CONSTRUCTION. REVISE TEMPORARY SIGNAGE WHEN EXITING CHANGES AS CONSTRUCTION PROGRESSES.
14. RE: A-001 FOR INTERIM EGRESS



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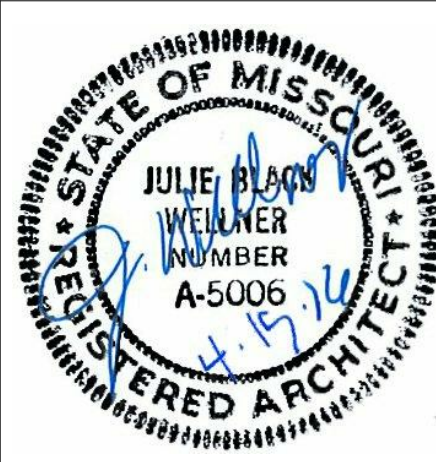
STRUCTURAL
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ASBESTOS ABATEMENT
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Consulting Engineers and Scientists
Terracon
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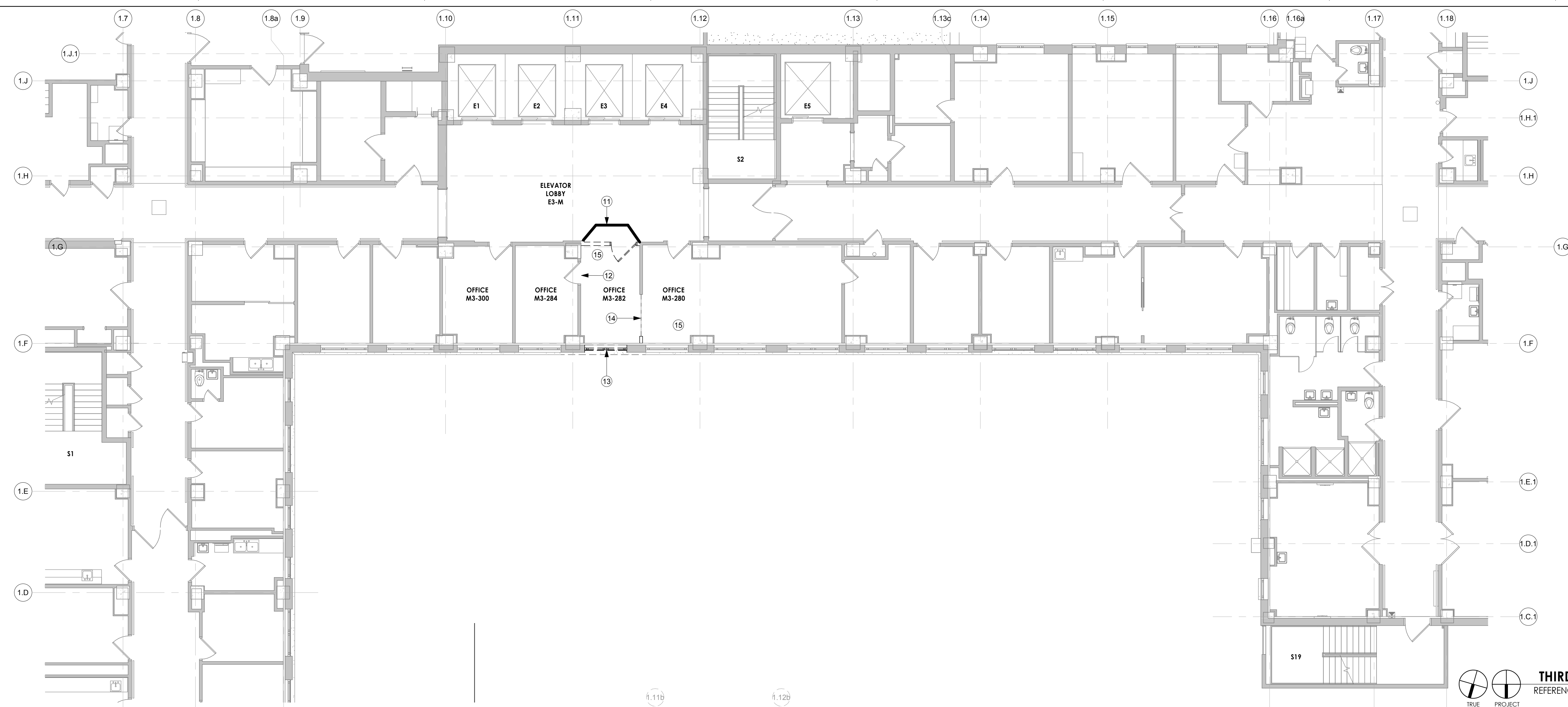
Drawing Title
CONSTRUCTION DEPENDENCIES, 1ST FLOOR
Approved: Kathleen R. Fogarty, Medical Center Director

Project Title
**CONSTRUCT OEF/OIF AND
SPECIALTY CARE ADDITION**
Location
4801 LINWOOD BLVD, KANSAS CITY, MO 64128
Date
15 April 2016
Checked
MJS
Drawn
AMM

Project Number
589-CA3-472
Building Number
1
Drawing Number
G-203
Dwg. 9 of 188

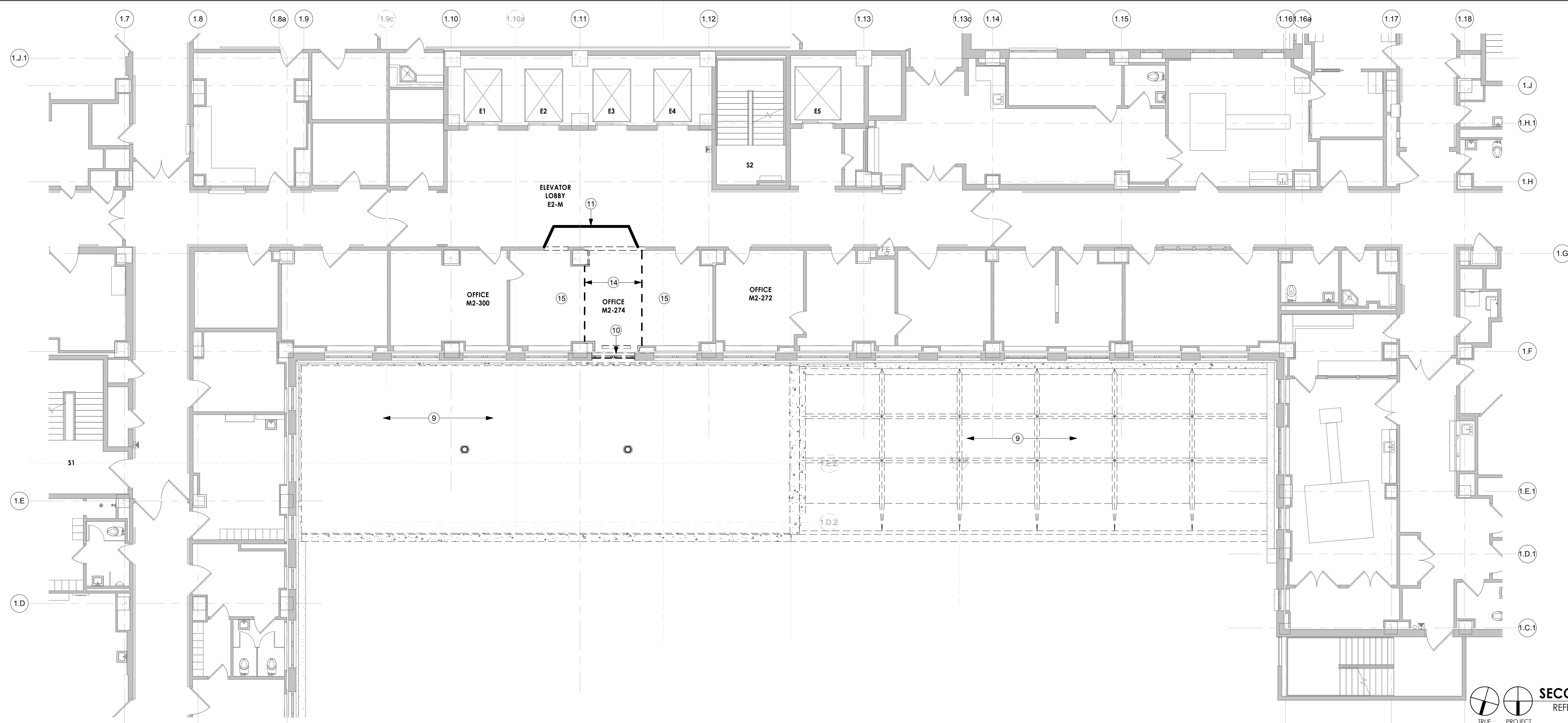
Office of Construction
and Facilities
Management



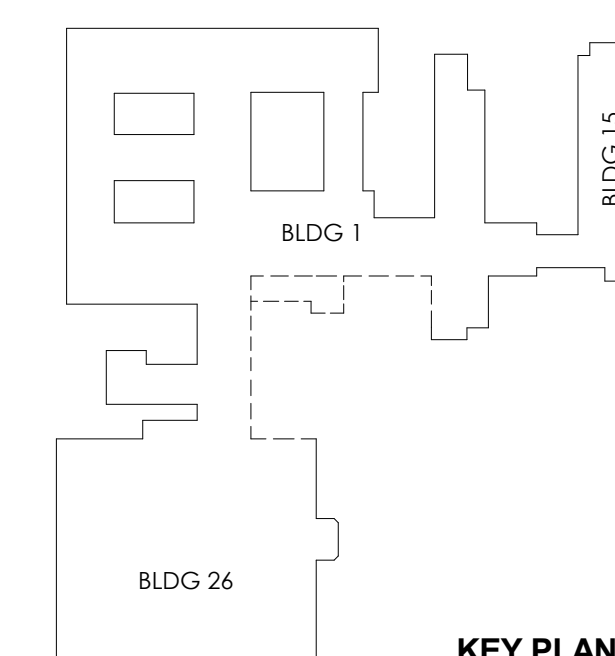




THIRD FLOOR DEPENDENCY PLAN
 REFERENCED FROM 3/AD-105 1/8" = 1'-0" **2**


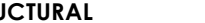






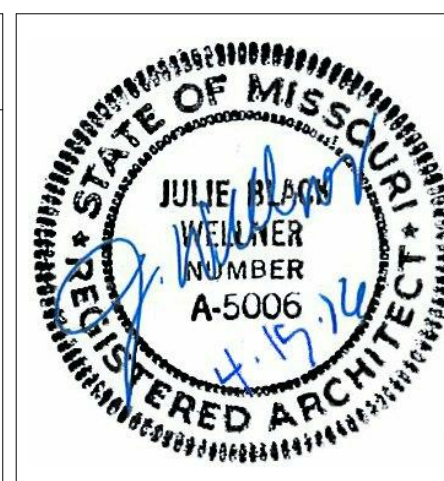
SECOND FLOOR DEPENDENCY PLAN
 REFERENCED FROM 1/AD-105 1/8" = 1'-0" **1**



No.	Description	Date


ENGINEERS & CONSULTANTS:

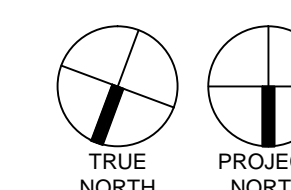
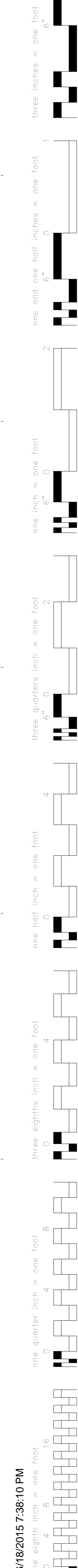
<p>CIVIL</p>  <p>SK Design Group, Inc. Since 1984</p>	<p>STRUCTURAL</p>  <p>Leigh & O'Kane</p>	<p>MECHANICAL, ELECTRICAL, PLUMBING, TELECOM, SECURITY</p>  <p>InSite Group, Inc. Consulting Engineers</p>	<p>FIRE PROTECTION & LIFE SAFETY</p>  <p>FSC Inc.</p>	<p>ASBESTOS ABATEMENT</p>  <p>Terracon Consulting Engineers and Scientists</p>	<p>COMMISSIONING</p>  <p>pb pro balance</p>
<p>SK Design Group, Inc. 4600 College Blvd., Suite 100 Overland Park, KS 66211 913.451.1818</p>	<p>Leigh & O'Kane 9201 Ward Parkway, Suite 301 Kansas City, MO 64114 816.444.3144</p>	<p>InSite Group, Inc. 1950 NW Copper Oaks Cir Blue Springs, MO 64015 816.238.3377</p>	<p>FSC, Inc. 9225 Indian Creek Pkwy., Ste 300 Overland Park, KS 66210 913.722.3473</p>	<p>Terracon 13910 W 96th Terrace Lenexa, KS 66215 913.492.7777</p>	<p>Pro Balance, Inc. 5411 West 40 Highway Blue Springs, MO 64015 816.228.7800</p>



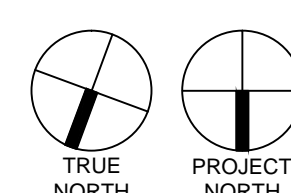
ARCHITECT:



Drawing Title CONSTRUCTION DEPENDENCIES, 2ND AND 3RD FLOORS		Project Title CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION		Project Number 589-CA3-472		Office of Construction and Facilities Management
Approved: Kathleen R. Fogarty, Medical Center Director		Location 4801 LINWOOD BLVD, KANSAS CITY, MO 64128		Building Number 1		
		Date 15 April 2016		Checked MJS		 Department of Veterans Affairs
				Drawn AMM		
				Drawing Number G-205		
				Dwg. 10 of 188		




2ND FLOOR




1ST FLC

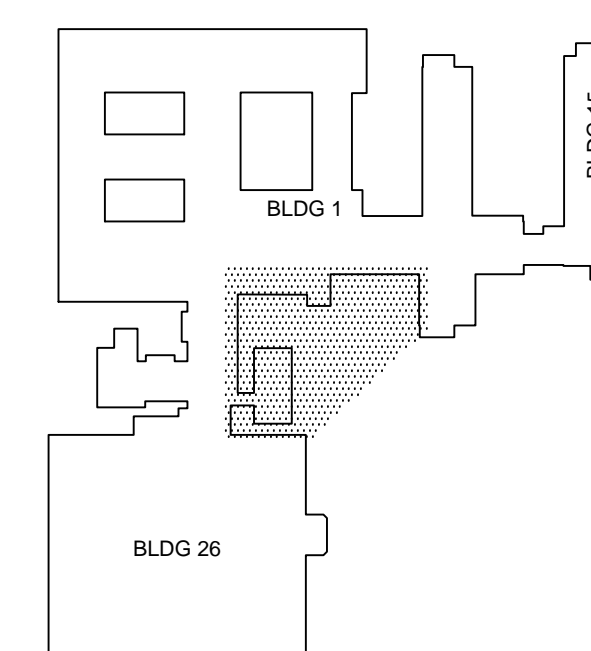
—●— LOCATION OF ASBESTOS CONTAINING PIPE INSULATION

 LOCATION OF ASBESTOS CONTAINING FLOOR TILE

- - - CEMENT ASBESTOS BOARD RADIATOR BACKING

 LOCATION OF TAR COATING


NOTE:
THE ASBESTOS ABATEMENT CONTRACTOR WILL REMOVE ASBESTOS FROM STEAM PIPES AS NECESSARY TO ALLOW MECHANICAL CONTRACTOR TO DISCONNECT AND TAP PIPING. THE ASBESTOS ABATEMENT CONTRACTOR WILL REMOVE RADIATORS AND ASBESTOS INSULATION AROUND THEM.

ENGINEERS & CONSULTANTS:

Allen R. Bartels
Missouri State Asbestos
Project Designer
Certificate Number:
7011082115MOPR11279
Expiration Date: 8/30/2016

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802 Broadway - 4th Floor - Kansas City, MO - 64105

Wellner Architects, Inc.
802 Broadway Blvd, 4th Floor
Kansas City, MO 64105
816.221.0017

Drawing Title BLDG 1, ASBESTOS ABATEMENT PLAN	Project Title CONSTRUCT OEF/OIF AND SPECIALTY CARE ADDITION	Project Number 589-CA3-472	Office of Construction and Facilities Management
		Building Number 1	
Approved: Kathleen R. Fogarty, Medical Center Director	Location 4801 LINWOOD BLVD, KANSAS CITY, MO 64128	Drawing Number HA101	 Department of Veterans Affairs
		Dwg. 011 of 188	